

OPTIMIZED MESSENGER RNA

Abstract

The present invention is directed to a synthetic nucleic acid sequence which encodes a protein wherein at least one non-common codon or less-common codon is replaced by a common codon. The synthetic nucleic acid sequence can include a continuous stretch of at least 90 codons all of which are common codons.

1. A synthetic nucleic acid sequence which encodes a protein wherein at least one non-common codon or less-common codon is replaced by a common codon.